# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 970 | (cone conical) near2 collaps$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:03 |
| L2 | 144 | ((cone conical) near2 (shape shaped)) near2 collaps$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:11 |
| L3 | 431 | ((cone conical) near2 (shape shaped)) near2 (collaps$4 flatten$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:24 |
| L4 | 74 | (collaps$4 flatten$2) near2 strainer | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:12 |
| L6 | 89 | ("3438374"\|"0032208"\|"0034866"\|"0036370"\|"4002173"\|"4068655"\|"4140537"\|"4292972"\|"4365621"\|"4372314"\|"4390519"\|"4404970"\|"4405324"\|"4424208"\|"4509504"\|"4515637"\|"4543410"\|"4582640"\|"4597960"\|"4703108"\|"4744364"\|"4749689"\|"4852568"\|"4890612"\|"4979947"\|"5021059"\|"5061274"\|"5100429"\|"5108421"\|"5192300"\|"5192302"\|"5254105"\|"5290310"\|"5292309"\|"5292332"\|"5310407"\|"5320639"\|"5324306"\|"5330445"\|"5334216"\|"5376376"\|"5383891"\|"5383897"\|"5391183"\|"5431639"\|"5449375"\|"5456693"\|"5460621"\|"5486195"\|"5522840"\|"5540715"\|"5569297"\|"5591205"\|"5603698"\|"5624669"\|"5643318"\|"5643596"\|"5645849"\|"5690674"\|"5702413"\|"5728132"\|"5782860"\|"5782861"\|"5823198"\|"5868762"\|"5895412"\|"5906631"\|"5964782"\|"5984950"\|"6071300"\|"6071301"\|"6086607"\|"6162192"\|"6183496"\|"6183497"\|"6183498"\|"6200328"\|"6267761"\|"6270464"\|"6296657"\|"6299619"\|"6315753"\|"6350274"\|"6440151"\|"6447534"\|"6500152"\|"6500190"\|"6554851"\|"0000644").PN. | USPAT | OR | OFF | 2006/07/17 09:22 |
| L7 | 20 | L6 and (collaps$4 flatten$2) | USPAT | OR | OFF | 2006/07/17 09:22 |
| L8 | 3 | 7 and (cone conical) | USPAT | OR | OFF | 2006/07/17 09:28 |
| L10 | 78 | ((cone conical) near2 (collaps$4 flatten$2)) with (disk disc circle) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:37 |
| L11 | 13 | L6 and (cone conical) | USPAT | OR | OFF | 2006/07/17 09:32 |

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|---|---|---|---|---|---|---|
| L12 | 53615 | "606"/$.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:32 |
| L13 | 105 | 12 and (cone conical) near2 (collaps$4 flatten$2) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:33 |
| L14 | 9 | ((cone conical) near2 (collaps$4 flatten$2)) with (bellows) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/17 09:37 |
| S1 | 1 | "20050010248" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:07 |
| S2 | 93 | lafontaine-d$.in. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:40 |
| S3 | 89 | ("3438374"\|"0032208"\|"0034866"\|"0036370"\|"4002173"\|"4068655"\|"4140537"\|"4292972"\|"4365621"\|"4372314"\|"4390519"\|"4404970"\|"4405324"\|"4424208"\|"4509504"\|"4515637"\|"4543410"\|"4582640"\|"4597960"\|"4703108"\|"4744364"\|"4749689"\|"4852568"\|"4890612"\|"4979947"\|"5021059"\|"5061274"\|"5100429"\|"5108421"\|"5192300"\|"5192302"\|"5254105"\|"5290310"\|"5292309"\|"5292332"\|"5310407"\|"5320639"\|"5324306"\|"5330445"\|"5334216"\|"5376376"\|"5383891"\|"5383897"\|"5391183"\|"5431639"\|"5449375"\|"5456693"\|"5460621"\|"5486195"\|"5522840"\|"5540715"\|"5569297"\|"5591205"\|"5603698"\|"5624669"\|"5643318"\|"5643596"\|"5645849"\|"5690674"\|"5702413"\|"5728132"\|"5782860"\|"5782861"\|"5823198"\|"5868762"\|"5895412"\|"5906631"\|"5964782"\|"5984950"\|"6071300"\|"6071301"\|"6086607"\|"6162192"\|"6183496"\|"6183497"\|"6183498"\|"6200328"\|"6267761"\|"6270464"\|"6296657"\|"6299619"\|"6315753"\|"6350274"\|"6440151"\|"6447534"\|"6500152"\|"6500190"\|"6554851"\|"0000644").PN. | USPAT | OR | OFF | 2006/07/17 09:21 |
| S4 | 4 | ("5254105"\|"5320639"\|"5643318"\|"6162240").PN. | USPAT | OR | OFF | 2006/07/11 14:11 |
| S5 | 2 | ("5254133"\|"5383897").PN. | USPAT | OR | OFF | 2006/07/13 14:46 |
| S6 | 4 | "20020010150" "20020025921" "20020077657" "20030013989" | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:11 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S7 | 53 | ("3908662" \| "5234447" \| "5364408" \| "5478353" \| "5776152" \| "5782861" \| "5817110").PN. OR ("5964782").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:28 |
| S8 | 7 | ("3908662" \| "5234447" \| "5364408" \| "5478353" \| "5776152" \| "5782861" \| "5817110").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:32 |
| S9 | 52 | S2 and clos$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/11 14:53 |
| S10 | 4 | ("5383897" "5254133").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2006/07/11 14:57 |
| S11 | 673 | (606/213).CCLS. | USPAT; USOCR | OR | OFF | 2006/07/11 17:50 |
| S12 | 35 | S11 and (collaps$4 near3 (plug clos$4)) | USPAT | OR | OFF | 2006/07/12 13:07 |
| S13 | 673 | (606/213).CCLS. | USPAT; USOCR | OR | OFF | 2006/07/12 10:27 |
| S14 | 1 | S13 and (collaps$4 with hook) | USPAT | OR | OFF | 2006/07/12 10:16 |
| S15 | 4 | S13 and ((collaps$4 flat$5 cave) with hook) | USPAT | OR | OFF | 2006/07/12 10:17 |
| S16 | 37 | S13 and ((collaps$4 flatten$3) near3 (plug clos$4)) | USPAT | OR | OFF | 2006/07/12 10:18 |
| S17 | 132 | S13 and hook | USPAT | OR | ON | 2006/07/12 10:22 |

| S18 | 89 | ("3438374"\|"0032208"\|"0034866"\|"0036370"\|"4002173"\|"4068655"\|"4140537"\|"4292972"\|"4365621"\|"4372314"\|"4390519"\|"4404970"\|"4405324"\|"4424208"\|"4509504"\|"4515637"\|"4543410"\|"4582640"\|"4597960"\|"4703108"\|"4744364"\|"4749689"\|"4852568"\|"4890612"\|"4979947"\|"5021059"\|"5061274"\|"5100429"\|"5108421"\|"5192300"\|"5192302"\|"5254105"\|"5290310"\|"5292309"\|"5292332"\|"5310407"\|"5320639"\|"5324306"\|"5330445"\|"5334216"\|"5376376"\|"5383891"\|"5383897"\|"5391183"\|"5431639"\|"5449375"\|"5456693"\|"5460621"\|"5486195"\|"5522840"\|"5540715"\|"5569297"\|"5591205"\|"5603698"\|"5624669"\|"5643318"\|"5643596"\|"5645849"\|"5690674"\|"5702413"\|"5728132"\|"5782860"\|"5782861"\|"5823198"\|"5868762"\|"5895412"\|"5906631"\|"5964782"\|"5984950"\|"6071300"\|"6071301"\|"6086607"\|"6162192"\|"6183496"\|"6183497"\|"6183498"\|"6200328"\|"6267761"\|"6270464"\|"6296657"\|"6299619"\|"6315753"\|"6350274"\|"6440151"\|"6447534"\|"6500152"\|"6500190"\|"6554851"\|"0000644").PN. | USPAT | OR | OFF | 2006/07/12 10:22 |
|------|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----|-----|------------------|
| S19 | 9 | S18 and hook | USPAT | OR | ON | 2006/07/12 10:26 |
| S20 | 232 | (606/214).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 10:27 |
| S21 | 1018 | (606/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:04 |
| S22 | 800 | (606/148).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S23 | 45 | (606/149).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S24 | 1189 | (606/139).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S25 | 336 | (606/143).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S26 | 709 | (606/144).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |

# EAST Search History

| S27 | 1478 | (606/151).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
|-----|------|-----------------|------------------------|-----|-----|------------------|
| S28 | 504 | (606/157).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S29 | 449 | (606/158).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S30 | 143 | (606/193).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:05 |
| S31 | 35 | S21 and (collaps$4 near3 (plug clos$4)) | USPAT | OR | OFF | 2006/07/12 13:12 |
| S32 | 73 | S21 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:32 |
| S33 | 8 | S22 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:36 |
| S34 | 4 | S23 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:36 |
| S35 | 26 | S24 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:43 |
| S36 | 12 | S25 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:43 |
| S37 | 42 | S27 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:49 |
| S38 | 21 | S28 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:52 |
| S39 | 12 | S29 and (collaps$4 near3 (plug clos$4 seal$3)) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 13:53 |
| S41 | 1 | "6334865".pn. | USPAT | OR | OFF | 2006/07/12 13:56 |
| S42 | 1 | "5383897".pn. | USPAT | OR | OFF | 2006/07/12 14:37 |

# EAST Search History

| | | | | | | |
|---|---|---|---|---|---|---|
| S43 | 12 | (US-20050010248-$ or US-20020026215-$).did. or (US-5964782-$ or US-6623508-$ or US-6261309-$ or US-6183496-$ or US-6077291-$ or US-4900303-$ or US-5431639-$ or US-6699262-$ or US-6334865-$ or US-5383897-$). did. | US-PGPUB; USPAT | OR | OFF | 2006/07/12 16:04 |
| S44 | 9 | S43 and (bioabsorbable biodegradable biocompatible bioresorbable) | USPAT | OR | OFF | 2006/07/12 14:49 |
| S45 | 1 | "5192302".pn. | USPAT | OR | OFF | 2006/07/12 16:04 |
| S46 | 56 | ("3221746" \| "3266113" \| "3276448" \| "3874388" \| "3981051" \| "4169303" \| "4214587" \| "4259959" \| "4593693" \| "4617932" \| "4665917" \| "4744364" \| "4917087" \| "4920235" \| "4997439" \| "5047047" \| "5171253" \| "5234448" \| "5254127").PN. OR ("5383897"). URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 17:18 |
| S47 | 12 | S46 and (collaps$5 flatten$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 17:18 |
| S48 | 1018 | (606/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/12 18:26 |
| S49 | 7 | S48 and (cone near2 plug) | USPAT | OR | OFF | 2006/07/14 13:45 |
| S51 | 1019 | (606/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/13 09:37 |
| S52 | 7 | S51 and (cone near2 (plug collaps$4)) | USPAT | OR | OFF | 2006/07/14 13:42 |
| S53 | 3 | S51 and (cone with (collaps$4)) | USPAT | OR | OFF | 2006/07/14 13:10 |

# EAST Search History

| S54 | 89 | ("3438374"\|"0032208"\|"0034866"\|" 0036370"\|"4002173"\|"4068655"\|"41 40537"\|"4292972"\|"4365621"\|"4372 314"\|"4390519"\|"4404970"\|"440532 4"\|"4424208"\|"4509504"\|"4515637" \|"4543410"\|"4582640"\|"4597960"\|" 4703108"\|"4744364"\|"4749689"\|"48 52568"\|"4890612"\|"4979947"\|"5021 059"\|"5061274"\|"5100429"\|"510842 1"\|"5192300"\|"5192302"\|"5254105" \|"5290310"\|"5292309"\|"5292332"\|" 5310407"\|"5320639"\|"5324306"\|"53 30445"\|"5334216"\|"5376376"\|"5383 891"\|"5383897"\|"5391183"\|"543163 9"\|"5449375"\|"5456693"\|"5460621" \|"5486195"\|"5522840"\|"5540715"\|" 5569297"\|"5591205"\|"5603698"\|"56 24669"\|"5643318"\|"5643596"\|"5645 849"\|"5690674"\|"5702413"\|"572813 2"\|"5782860"\|"5782861"\|"5823198" \|"5868762"\|"5895412"\|"5906631"\|" 5964782"\|"5984950"\|"6071300"\|"60 71301"\|"6086607"\|"6162192"\|"6183 496"\|"6183497"\|"6183498"\|"620032 8"\|"6267761"\|"6270464"\|"6296657" \|"6299619"\|"6315753"\|"6350274"\|" 6440151"\|"6447534"\|"6500152"\|"65 00190"\|"6554851"\|"0000644").PN. | USPAT | OR | OFF | 2006/07/13 09:44 |
|-----|------|---------------------------------------------------------------|-----------------------------|----|-----|------------------|
| S55 | 5 | S54 and actuator | USPAT | OR | OFF | 2006/07/13 09:45 |
| S56 | 34 | S54 and (detach$4 removabl$ disconnect$3 frangible) | USPAT | OR | OFF | 2006/07/13 09:50 |
| S57 | 17 | S54 and actuat$3 | USPAT | OR | OFF | 2006/07/13 09:47 |
| S59 | 18 | ("4744364" \| "4890612" \| "5108421" \| "5221259" \| "5330446" \| "5370660" \| "5383896" \| "5413571" \| "5419765" \| "5486195" \| "5591205" \| "5626601" \| "5653730" \| "5728132" \| "5752974" \| "5855559" \| "6045570" \| "6193670").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/13 14:17 |
| S60 | 72 | harrison-k$.in. | USPAT | OR | OFF | 2006/07/13 16:28 |
| S63 | 1019 | (606/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/14 13:36 |
| S64 | 8 | S63 and (cone near2 (plug seal clos$5 collaps$4)) | USPAT | OR | OFF | 2006/07/14 13:38 |
| S65 | 14 | S63 and ((cone conical) near2 (plug seal clos$5 collaps$4)) | USPAT | OR | OFF | 2006/07/14 13:40 |
| S68 | 14 | S63 and ((cone conical) near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:43 |

# EAST Search History

| S69 | 5 | S68 and collaps$4 | USPAT | OR | OFF | 2006/07/14 13:43 |
|-----|-----|-----|-----|-----|-----|-----|
| S70 | 1019 | (606/213).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/14 13:46 |
| S71 | 14 | S70 and ((cone conical) near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:51 |
| S72 | 5 | ("5192301" \| "5454833" \| "5522822" \| "5626599" \| "5634936").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/14 13:47 |
| S75 | 800 | (606/148).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/14 13:51 |
| S76 | 6 | S75 and ((cone conical) near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:52 |
| S77 | 1191 | (606/139).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/07/14 13:51 |
| S78 | 4 | S77 and ((cone conical) near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:51 |
| S79 | 6 | S75 and (collaps$4 near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:52 |
| S80 | 33 | S70 and (collaps$4 near2 (plug seal clos$4)) | USPAT | OR | OFF | 2006/07/14 13:52 |
| S81 | 8 | S80 and (cone conical) | USPAT | OR | OFF | 2006/07/14 13:53 |